

oxygenates, and showing the carbon level (in percent by weight) which was deposited on the reactant in each successive section of the desulfurizer at the end of the test runs;

FIG. 6 is a graph of the sulfur content of the exit stream of a desulfurized gasoline fuel stream over a period of time at varied operating temperatures, when a small amount of water is present, and when no water is present, in the fuel stream; and

FIG. 7 is a graph of the operating temperatures of the system described in FIG. 6 over the same period of time; and

FIG. 8 is a schematic view of an embodiment of the gasoline desulfurizer system of this invention, which desulfurizes gasoline on board a vehicle powered by a fuel cell power plant].

Please rewrite the paragraph bridging pages 10 and 11 as follows:

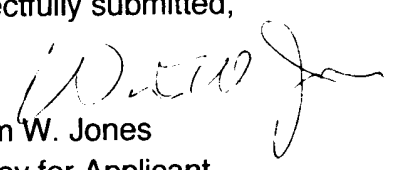
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[FIG. 8 shows an embodiment of the] The desulfurization system of this invention [wherein the desulfurizing bed 8 is] can be positioned [onboard] aboard a vehicle [2]. The system includes a fuel line [3] from the vehicle gas tank to a pump [4] which pumps the fuel through a line [6] to the desulfurizer bed [8]. The bed [8] is heated to operating temperatures by an electric heater [10]. The desulfurized gasoline passes from the desulfurizing bed [8] through a line [12] to the fuel cell power plant [14] where the desulfurized fuel is further processed and converted to electricity for powering the vehicle [2].

#### **REMARKS**

Applicant has elected option 3 set forth in the aforesaid notice. A clean copy of the amended paragraphs of the specification is submitted herewith.

Respectfully submitted,

  
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